

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SA01345AT

This certificate issued to AirPlains Services, Corporation
P.O. Box 541 Wellington Airport
Wellington, KS 67152

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product - Type Certificate Number : 5A6

Make : Cessna

Model : 180 ; 180A ; 180B ; 180C ;
180D ; 180E ; 180F ; 180G ;
180H ; 180J ; 180K

Description of Type Design Change:

Installation of Teledyne Continental IO-520-D and Hartzell PHC-C3YF-1RF/F8468A()-6R, Hartzell PHC-C3YF-1RF/F7691(), McCauley D3A34C401/90DFA-10, or McCauley D3A34C403/80VA-0 three bladed propellers in accordance with:

(See continuation sheet 2 of 3)

Limitations and Conditions:

1. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the

(See continuation sheet 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : June 30, 1995

Date of issuance : April 17, 1997

Date reissued : February 18, 1999; June 03, 1999;
March 12, 2002

Date amended : May 07, 2001; March 01, 2002



By direction of the Administrator

Original signed by Scott West

(Signature)

Scott West
Program Manager
Wichita Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Supplemental Type Certificate
(Continuation Sheet)

Number SA01345AT

Date of Issuance: April 17, 1997

Date Amended: March 01, 2002

Description of Type Design Change (Continued):

Bonaire Aviation Company Document #BOAC 1018, Instructions - Continental IO-520-D Installation Cessna 180 Series Aircraft,

Rev A, dated July 24, 1996 or later FAA Approved Revisions;

or

AirPlains Services, Corporation Master Drawing List Document: 1018DL-APS, Document Number: 1018DL-APS, Rev Original; with Drawing No. 1018DL-MFG-APS, Document Number: 1018DL-MFG-APS, Rev Original; with Installation Instructions for Installation of STC SA01345AT in Cessna 180 Aircraft, Document Number: APS1018, Rev Original; or later FAA Approved Revisions of these documents.

Limitations and Conditions (Continued):

installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

2. The following applicable Bonaire Aviation Company or AirPlains Services, Corporation Supplemental Airplane Flight Manual, Pilot's Operating Handbook, and Airplane Flight Manual Supplement are required:
- a. For Cessna Model 180 S/N 30000 through 32150, Cessna Model 180A S/N 32662 through 50355 use "FAA Approved Supplement Airplane Flight Manual," dated April 17, 1997;
or
For Cessna Model 180 S/N 30000 through 32661, Cessna Model 180A S/N 32662 through 50355 use "FAA Approved Supplemental Airplane Flight Manual," Document Number C180-520-APSFM1, dated March 1, 2002, or later FAA Approved Revision.
 - b. For Cessna Model 180B S/N 50356 through 50661, Cessna Model 180C S/N 50662 through 50911, Cessna Model 180D S/N 18050912 through 18051063, Cessna Model 180E S/N 18051064 through 18051183, Cessna Model 180F S/N 18051184 through 18051312, Cessna Model 180G S/N 18051313 through 18051445 use:
"FAA Approved Supplemental Airplane Flight Manual," dated April 17, 1997;
or
"FAA Approved Supplemental Airplane Flight Manual," Document Number C180-520-APSFM2, dated
March 1, 2002, or later FAA Approved Revision.
 - c. For Cessna Model 180H S/N 18051446 through 18052103 use:
"FAA Approved Supplemental Airplane Flight Manual," dated April 17, 1997;
or
"FAA Approved Supplemental Airplane Flight Manual," Document Number C180-520-APSFM3, dated
March 1, 2002, or later FAA Approved Revision.

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(Continuation Sheet)

Number SA01345AT

Date of Issuance: April 17, 1997

Date Amended: March 01, 2002

Limitations and Conditions: (Continued)

- d. For Cessna Model 180H S/N 18052104 through 18052284, Cessna Model 180J S/N 18052285 through 18052620 use "FAA Approved Supplemental Airplane Flight Manual," dated April 17, 1997;
or
For Cessna Model 180H S/N 18052104 through 18052284, Cessna Model 180J S/N 18052285 through 18052489, Cessna Model 180J S/N 18052491 through 18052620 use "FAA Approved Supplemental Airplane Flight Manual," Document Number C180-520-APSF4, dated March 1, 2002 or later FAA Approved Revision.
- e. For Cessna Model 180J S/N 18052621 through 18052770, Cessna Model 180K S/N 18052771 through 18053203 except 18053165, 18053167, and 18053202 use "FAA Approved Pilot's Operating Handbook and FAA Airplane Flight Manual Supplement," dated April 17, 1997;
or
For Cessna Model 180J S/N 1805261 through 18052770, Cessna Model 180K S/N 18052771 through 18053000 use "FAA Approved Supplemental Airplane Flight Manual" Document Number C180-520-APSF5, dated March 1, 2002, or later FAA Approved Revision;
or
For Cessna Model 180J S/N 18052490, Cessna Model 180K S/N 18053001 through 18053203 use "FAA Approved Airplane Flight Manual Supplement," Document Number C180-520-APSF6, dated March 1, 2002, or later FAA Approved Revision.
- f. For Cessna Model 180K S/N 18053165, 18053167 and 18053202 only use "FAA Approved Airplane Flight Manual Supplement," Document Number 180-520-CI, Revision None, dated April 25, 2001.
3. Installation of McCauley propeller D3A34C403/80VA-0 limited to Model 180K S/Ns 18053165, 18053167 and 18053202 only.

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